

Listing of Claims:

Claims 1 (currently amended): Apparatus for the movement of fluid, said apparatus including a feed pump and scavenge pump for use in conjunction with a ~~reservoir~~ crankshaft which liquid is moved to and from by the feed pump and scavenge pump, said pumps each ~~include~~ including inner and outer rotary pump members housed in respective pump chambers in a body portion, with said inner rotary pump members mounted for rotation by a driveshaft; said body portion formed by casting and including formed therein, inlet and outlet bores in connection with respective feed and scavenge pump chambers, said bores formed in the body to allow connection with a crankshaft, ~~and reservoir for the feed pump and a sump and reservoir for the scavenging pump, and characterized in that~~ wherein said body has a first side and each of said bores are provided with a first end opening on a first side of the body and an opposing end terminating at a respective pump chamber, said inlet and outlet bores being shaped to curve with respect to at least two of the x, y and z axes such that the liquid enters said body portion in a direction substantially perpendicular to the axis of rotation of the driveshaft.

Claim 2 (original): Apparatus according to claim 1 characterised in that the four bores formed in the body are shaped to curve with respect to at least two of the XY and Z axes.

Claim 3 (original): Apparatus according to claim 2 characterised in that the four bores formed in the body are each shaped to curve with respect to the three XY and Z axes.

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Claim 4 (original): Apparatus according to claim 1 characterised in that the end of each bore which terminates in the respective pump chambers lies in a plane substantially perpendicular to the axis of rotation of the driveshaft for the inner rotary pump members.

Claim 5 (currently amended): Apparatus according to claim 1 characterised in that the scavenge and feed pumps each comprise a pumping chamber with an outer rotary pump member and an inner rotary pump member, said inner rotary ~~pumping pump~~ member mounted eccentrically with respect to the outer rotary pump member and mounted for rotation on a driveshaft.

Claim 6 (currently amended): Apparatus according to claim 5 characterised in that the outer rotary ~~pumping pump~~ members in each pump is driven by the inner rotary ~~pump~~ member.

Claim 7 (currently amended): Apparatus according to claim 1 characterised in that the driveshaft is common to the inner rotary ~~pumping pump~~ members of the feed and scavenge pumps.

Claim 8 (original): Apparatus according to claim 1 characterised in that the operation of the respective feed and scavenge pumps is staggered in an episoidal manner.

Claim 9 (original): Apparatus according to claim 1 characterised in that the operation of the feed and scavenge pumps is sequential.

Claim 10 (previously presented): Apparatus according to claim 8 characterised in that the said drive shaft is controlled by a gearbox to rotate in forward and reverse directions for predetermined periods of time therefore allowing the controlled operation of the feed and scavenge pumps.

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Claim 11 (original): Apparatus according to claim 1 characterised in that the apparatus is provided to be retrofitted as a replacement component to an existing combustion engine.

Claim 12 (currently amended): Apparatus according to claim 11 characterised in that fixing locations are provided in the body ~~to allow the reception of location means for the apparatus.~~

Claim 13 (original): Apparatus according to claim 12 characterised in that the bores bypass the fixing locations as they pass through the body.

Claim 14 (currently amended): Apparatus according to claim 12 characterised in that the openings for the bores on the body surface are provided to be at locations to allow connection with the crankshaft, ~~sump and oil reservoir ports.~~

Claim 15 (original): Apparatus according to claim 1 characterised in that the components of the arrangement are sintered and heat treated to provide resistance to wear.

Claim 16 (cancelled)

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